

Weekly Coal Production

Production for Week Ended:
February 2, 1991



Domestic Market
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 and 1989 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988 and 1 percent to 2 percent for 1989.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 and 1989 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent for 1988 and 0.9 percent to .14 percent for 1989.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1989*, and *Coal Data: A Reference*.

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- Distribution Category UC-98

- Released for Printing February 8, 1991

Contents

	Page
Summary	1

Illustrations

	Page
I. Coal Production	1

Tables

	Page
1. Coal Production	2
2. Coal Production by State	2
3. Coal Production by State, January 1991	3
4. Coal Supply and Demand, 1981-1990	4
5. Coal Consumption, 1981-1990	5
6. Coal Stocks, 1981-1990	6
7. Coal Statistics for Electric Utilities, 1981-1990	7
8. Coal-Fired Net Generation, November 1990	8
9. Coal Consumption at Electric Utility Plants, November 1990	9
10. Coal Stocks at Electric Utility Plants, November 1990	10
11. Coal Receipts at Electric Utility Plants, October 1990	11
12. Quality and Price of Coal Receipts at Electric Utility Plants, October 1990	12
13. Quality and Price of Contract Coal Receipts at Electric Utility Plants, October 1990	13
14. Quality and Price of Spot Coal Receipts at Electric Utility Plants, October 1990	14
15. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, October 1990	15
16. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-October 1990	16
17. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1990	17
18. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1990	21

Summary

U.S. coal production in the week ended February 2, 1991, as estimated by the Energy Information Administration, totaled 20 million short tons. This was about the same as in the previous week, and in the comparable week in 1990. Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 9 million short tons.

Coal production in January 1991 totaled 86 million short tons, 11 percent higher than in December 1990, when a floating holiday option was exercised by some mine operators, and 5 percent lower than in January 1990.

This report contains final 1989 electric utility data for generation, consumption, and stocks.

Coal consumption at electric utility plants in November 1990 totaled 61 million short tons, about the same as in November 1989. Total coal consumption at electric utility plants for the first 11 months of 1990 was 703 million short tons, also about the same as in the comparable period in 1989.

Electric utilities increased coal stocks by 5 million short tons during November 1990, reaching 160 million short tons. This was 9 percent more than a year earlier.

Coal receipts at electric utility plants in October 1990 were 69 million short tons, slightly higher than a year ago. Total coal receipts at electric utilities for the first 10 months of 1990 totaled 659 million short tons, 5 percent more than in the comparable period in 1989, reflecting the build-up of coal stocks at electric utilities during 1990.

Figure 1. Coal Production

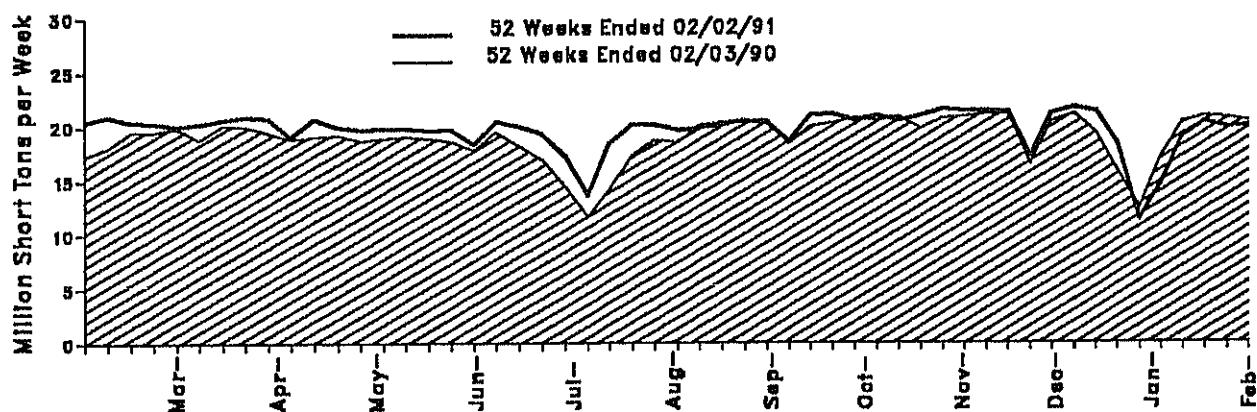


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	02/02/91	01/26/91	02/03/90	02/02/91	02/03/90	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	19,990	19,859	20,398	1,024,193	983,859	4.1
Pennsylvania Anthracite	48	47	60	3,080	3,280	-6.1
U.S. Total	20,038	19,905	20,457	1,027,273	987,139	4.1
Railroad Cars Loaded	126,958	126,197	130,153	6,644,033	6,402,034	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	02/02/91	01/26/91	02/03/90
Bituminous Coal¹ and Lignite			
East of the Mississippi	11,450	11,553	12,700
Alabama	589	574	599
Illinois	1,241	1,248	1,238
Indiana	695	686	698
Kentucky	2,955	3,061	3,516
Kentucky, Eastern	2,287	2,290	2,516
Kentucky, Western	668	771	1,000
Maryland	54	55	72
Ohio	656	644	738
Pennsylvania Bituminous	1,153	1,247	1,509
Tennessee	144	136	128
Virginia	888	842	1,006
West Virginia	3,075	3,061	3,198
West of the Mississippi	8,540	8,306	7,698
Alaska	33	28	29
Arizona	230	202	248
Arkansas	*	1	*
Colorado	348	411	405
Iowa	7	7	7
Kansas	17	23	18
Louisiana	64	66	46
Missouri	44	58	54
Montana	814	752	710
New Mexico	507	565	428
North Dakota	671	619	571
Oklahoma	40	37	40
Texas	1,065	1,105	1,059
Utah	401	454	473
Washington	111	86	96
Wyoming	4,192	3,893	3,515
Bituminous ¹ and Lignite Total	19,990	19,859	20,398
Pennsylvania Anthracite	48	47	60
U.S. Total	20,038	19,905	20,457

¹ Includes subbituminous coal.

* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

Table 3. Coal Production by State, January 1991
 (Thousand Short Tons)

Region and State	January 1991	December 1990	January 1990	Year to Date		
				1991	1990	Percent Change
Bituminous Coal¹ and Lignite						
East of the Mississippi	49,538	45,513	55,968	49,538	55,968	-11.5
Alabama	2,467	2,215	2,614	2,467	2,614	-5.6
Illinois	5,335	4,673	5,798	5,335	5,798	-8.0
Indiana	3,018	2,607	2,908	3,018	2,908	3.8
Kentucky	13,082	12,509	15,415	13,082	15,415	-15.1
Kentucky, Eastern	9,886	9,285	11,229	9,886	11,229	-12.0
Kentucky, Western	3,196	3,225	4,185	3,196	4,185	-23.6
Maryland	235	223	332	235	332	-29.3
Ohio	2,817	2,577	3,221	2,817	3,221	-12.5
Pennsylvania Bituminous	5,029	4,485	6,045	5,029	6,045	-16.8
Tennessee	599	544	571	599	571	4.8
Virginia	3,699	3,380	4,521	3,699	4,521	-18.2
West Virginia	13,257	12,300	14,542	13,257	14,542	-8.8
West of the Mississippi	36,085	31,865	34,335	36,085	34,335	5.1
Alaska	126	112	130	126	130	-3.4
Arizona	890	945	1,082	890	1,082	-17.8
Arkansas	2	6	1	2	1	58.5
California	-	-	13	-	13	-
Colorado	1,853	1,572	1,722	1,853	1,722	7.6
Iowa	32	28	33	32	33	-4.7
Kansas	94	91	76	94	76	22.5
Louisiana	238	204	245	238	245	-2.9
Missouri	239	224	241	239	241	-0.9
Montana	3,265	2,988	3,234	3,265	3,234	1.0
New Mexico	2,202	1,436	1,857	2,202	1,857	18.6
North Dakota	2,690	2,461	2,652	2,690	2,652	1.4
Oklahoma	164	147	186	164	186	-11.9
Texas	4,732	4,334	4,742	4,732	4,742	-0.2
Utah	2,055	1,805	2,061	2,055	2,061	-3
Washington	390	388	429	390	429	-9.1
Wyoming	17,113	15,123	15,630	17,113	15,630	9.5
Bituminous ¹ and Lignite Total	85,624	77,378	90,304	85,624	90,304	-5.2
Pennsylvania Anthracite	210	183	237	210	237	-11.4
U.S. Total	85,834	77,561	90,541	85,834	90,541	-5.2

¹ Includes subbituminous coal.

Note: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

Table 4. Coal Supply and Demand, 1982-1991
 (Thousand Short Tons)

Year and Month	Production	Consumption	Imports	Exports	Total Stocks ¹
1982	838,112	706,911	742	106,277	232,038
1983	782,091	736,672	1,271	77,772	202,585
1984	895,921	791,298	1,286	81,483	231,301
1985	883,638	818,049	1,952	92,680	203,367
1986	890,315	804,312	2,212	85,518	207,318
1987	918,762	836,841	1,747	79,607	213,780
1988	949,761	NA	2,134	NA	NA
1989					
January	82,331	77,638	66	6,306	185,952
February	75,414	73,391	131	6,748	181,866
March	89,421	72,834	334	8,375	184,630
April	77,456	66,355	158	9,104	188,578
May	82,776	68,438	312	9,685	193,282
June	78,795	73,372	218	9,657	189,507
July	66,801	79,619	375	6,209	175,341
August	91,349	80,170	247	8,122	174,372
September	85,115	72,413	303	9,661	176,013
October	89,873	71,200	160	9,293	182,271
November	87,238	71,653	245	9,768	186,815
December	74,363	83,478	303	7,888	175,087
Total	980,729	890,559	2,851	100,815	
1990					
January	90,541	76,650	175	7,447	179,663
February	82,017	68,249	269	6,243	186,796
March	91,616	71,030	292	8,693	196,270
April	83,150	67,398	182	8,590	202,480
May	86,497	68,725	144	9,827	210,096
June	84,581	74,733	348	9,316	210,308
July	79,780	80,975	200	9,194	201,779
August	91,793	83,282	120	10,065	198,032
September	83,069	70,765	194	10,238	194,392
October	96,058	NA	284	8,756	NA
November	89,192	NA	224	9,621	NA
December	77,561	NA	NA	NA	NA
Total	1,035,855	793,112	2,432	97,991	
1991					
January	85,834	NA	NA	NA	NA

¹ The residential and commercial sector is not included. Stocks are reported as of the last day of the period.
 NA Not available.

Note: Total may not equal sum of components because of independent rounding.

Sources: Production: Energy Information Administration (EIA) Form EIA-6, "Coal Distribution Report"; and State mining agency coal production reports. Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145." Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522." Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report"; Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants"; Form EIA-5, "Coke Plant Report - Quarterly"; and Form EIA-6, "Coal Distribution Report."

Table 5. Coal Consumption, 1981-1990
(Thousand Short Tons)

Year and Month	Electric Utilities	Industrial		Residential and Commercial	Total
		Coke Plants	Other Industrial ¹		
1981	596,797	61,014	67,395	7,421	732,627
1982	593,666	40,908	64,097	8,240	708,911
1983	625,211	37,033	65,980	8,448	736,672
1984	664,399	44,022	73,745	9,130	791,298
1985	693,841	41,058	75,372	7,779	818,049
1986	685,056	36,006	75,583	7,667	804,312
1987	717,894	36,957	75,175	6,914	836,941
1988					
January	67,850	3,465	6,826	826	78,987
February	61,401	3,297	6,789	678	72,186
March	58,758	3,595	6,801	500	69,654
April	54,135	3,508	5,904	608	64,156
May	56,529	3,688	5,937	358	66,511
June	65,343	3,353	5,944	440	75,080
July	71,749	3,605	5,962	679	81,994
August	75,253	3,418	5,972	658	85,302
September	61,540	3,461	5,989	398	71,379
October	59,561	3,550	6,694	446	70,252
November	59,305	3,403	6,710	594	70,011
December	66,948	3,568	6,724	955	78,194
Total	758,372	41,910	76,252	7,130	883,664
1989					
January	66,767	3,568	6,671	632	77,638
February	62,784	3,295	6,619	693	73,391
March	62,005	3,722	6,595	512	72,834
April	56,144	3,613	6,088	511	66,355
May	58,527	3,525	6,050	336	68,438
June	63,635	3,368	6,073	296	73,372
July	69,720	3,527	5,875	496	79,619
August	70,493	3,336	5,891	449	80,170
September	62,910	3,320	5,865	318	72,413
October	60,561	3,599	6,829	210	71,200
November	61,006	3,301	6,815	530	71,653
December	72,338	3,195	6,784	1,184	83,478
Total	768,888	41,369	76,134	6,167	890,559
1990					
January	66,060	3,354	6,524	712	76,650
February	58,003	3,025	6,567	655	68,249
March	60,616	3,369	6,495	550	71,030
April	57,661	3,181	6,024	532	67,398
May	59,042	3,317	6,005	361	68,725
June	65,167	3,157	6,038	373	74,733
July	71,020	3,275	6,164	516	80,975
August	73,200	3,397	6,204	481	83,282
September	66,948	3,276	6,148	395	76,765
October	64,264	NA	NA	NA	NA
November	61,041	NA	NA	NA	NA

¹ Includes transportation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and Form EIA-6, "Coal Distribution Report." Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 6. Coal Stocks, 1981-1990
(Thousand Short Tons)

Year and Month ¹	Consumers				Producers and Distributors
	Electric Utilities	Coke Plants	Other Industrial ²	Total	
1981	168,893	6,475	9,908	185,274	24,149
1982	181,132	4,642	9,479	195,254	36,784
1983	155,598	4,346	8,710	168,654	33,931
1984	179,727	6,168	11,317	197,211	34,090
1985	156,376	3,420	10,438	170,234	33,133
1986	161,806	2,992	10,429	175,226	32,093
1987	170,797	3,884	10,777	185,459	28,321
1988					
January	163,561	3,942	10,058	177,561	31,135
February	160,424	4,000	9,339	173,762	33,950
March	162,603	4,057	8,619	175,279	36,764
April	165,750	3,959	8,523	178,232	36,536
May	166,328	3,861	8,427	178,616	36,307
June	161,215	3,763	8,331	173,308	36,079
July	148,234	3,467	8,428	160,130	34,506
August	141,389	3,172	8,526	153,087	32,933
September	142,830	2,877	8,624	154,331	31,360
October	147,130	2,964	8,672	158,766	31,046
November	150,016	3,051	8,720	161,796	30,732
December	146,507	3,137	8,768	158,413	30,418
1989					
January	142,538	3,264	8,073	153,876	32,076
February	137,363	3,391	7,378	148,132	33,734
March	139,036	3,518	6,683	149,238	35,392
April	144,874	3,466	6,679	154,819	33,759
May	151,067	3,413	6,675	161,155	32,127
June	148,981	3,361	6,671	159,013	30,494
July	134,885	3,476	7,054	145,395	29,946
August	133,948	3,591	7,438	144,875	29,397
September	135,640	3,707	7,818	147,165	28,848
October	142,280	3,426	7,666	153,372	28,899
November	147,207	3,145	7,515	157,868	28,949
December	135,860	2,864	7,363	146,087	28,000
1990					
January	138,358	3,123	7,237	148,718	30,945
February	143,413	3,382	7,110	153,805	32,891
March	150,808	3,841	6,984	161,433	34,838
April	156,318	3,600	7,126	167,044	35,436
May	163,233	3,559	7,268	174,060	36,035
June	162,745	3,518	7,410	173,673	36,635
July	154,979	3,387	7,810	166,176	35,603
August	151,996	3,255	8,209	163,460	34,571
September	148,120	3,124	8,609	160,852	33,540
October	154,857	NA	NA	NA	NA
November	160,168	NA	NA	NA	NA

¹ Reported as of the last day of the period.

² Manufacturing plants only.

NA Not available.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) Electric Utilities: Form EIA-759, "Monthly Power Plant Report." Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly." Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants." Producers and Distributors: Form EIA-6, "Coal Distribution Report."

Table 7. Coal Statistics for Electric Utilities, 1981-1990

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh ¹	Percent ²	
1981	579,374	86.9	153	1.43	596,797	1,203,203	52.4	168,893
1982	601,427	80.4	165	1.42	693,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	864,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,808
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988								
January	58,626	85.7	147	1.32	67,850	137,845	57.9	163,561
February	56,871	86.7	149	1.27	61,401	126,267	58.2	160,424
March	59,021	88.8	149	1.27	58,758	120,034	56.1	162,603
April	56,136	87.9	150	1.24	54,135	109,135	55.7	165,750
May	57,920	87.9	150	1.25	56,529	115,195	55.3	166,328
June	59,337	87.1	146	1.25	66,343	132,268	56.8	161,215
July	58,989	86.9	146	1.21	71,749	144,301	56.0	148,234
August	68,696	86.4	145	1.24	75,253	152,377	56.9	141,389
September	63,103	85.2	145	1.27	61,540	124,410	56.5	142,830
October	63,574	86.3	146	1.29	59,561	121,339	57.6	147,130
November	62,015	84.3	146	1.26	59,305	121,054	57.8	150,016
December	63,487	82.8	142	1.27	66,948	136,427	58.6	146,507
Total	727,775	86.3	147	1.28	758,372	1,540,653	57.0	
1989								
January	62,443	82.8	143	1.28	66,767	135,181	58.1	142,538
February	56,834	82.9	145	1.29	62,784	127,187	57.9	137,363
March	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May	64,798	84.0	145	1.30	58,527	119,108	54.1	151,067
June	61,272	83.9	145	1.26	63,635	128,615	54.6	148,981
July	55,429	83.2	144	1.22	69,720	138,638	53.9	134,965
August	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October	66,578	80.7	145	1.29	60,561	122,393	55.7	142,280
November	65,570	80.7	144	1.28	61,008	124,338	56.7	147,207
December	60,515	81.9	143	1.27	72,336	147,227	56.8	135,860
Total	753,217	82.4	144	1.28	768,898	1,553,661	55.8	
1990								
January	67,637	82.7	145	1.30	68,060	132,496	55.9	138,358
February	62,280	82.1	146	1.30	58,003	115,898	54.5	143,413
March	67,518	83.1	145	1.31	60,616	122,958	54.5	150,808
April	63,888	82.9	147	1.30	57,661	117,111	55.6	156,318
May	64,958	83.1	148	1.30	59,042	119,644	53.8	163,233
June	63,604	82.4	146	1.29	65,167	132,459	53.2	162,745
July	63,427	82.8	144	1.28	71,020	144,232	54.2	154,979
August	70,571	83.5	145	1.29	73,200	146,858	54.8	151,996
September	65,728	82.3	145	1.28	66,948	135,248	56.9	149,120
October	69,159	82.2	146	1.28	64,264	130,176	57.9	154,057
November	NA	NA	NA	NA	61,041	123,841	58.0	160,166

¹ Gigawatthours

² Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 8. Coal-Fired Net Generation, November 1990
(Gigawatthours)

Census Division and State	November 1990	November 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England	1,474	1,595	-7.6	14,925	15,608	-4.4	17.4	17.8
Connecticut	219	169	29.9	2,147	1,847	16.3	7.4	6.0
Maine	-	-	-	-	-	-	-	-
Massachusetts	970	1,177	-17.6	10,161	10,893	-6.7	30.2	31.1
New Hampshire	285	249	14.4	2,617	2,868	-8.7	27.8	43.4
Rhode Island	*	*	NM	*	*	NM	*	*
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	10,041	11,865	-15.4	122,402	126,075	-2.9	40.5	42.9
New Jersey	415	463	-10.3	6,534	7,708	-15.2	19.7	20.8
New York	1,829	2,241	-18.4	22,552	22,853	-1.3	19.1	19.4
Pennsylvania	7,797	9,160	-14.9	93,316	95,514	-2.3	61.7	68.8
East North Central	28,438	28,942	-1.7	330,868	322,348	2.6	74.3	73.8
Illinois	3,885	4,498	-13.6	49,094	45,275	8.4	42.3	39.4
Indiana	7,006	7,578	-7.6	87,980	78,820	11.6	98.2	98.7
Michigan	5,209	5,566	-6.4	59,444	61,741	-3.7	72.2	74.0
Ohio	9,732	8,605	13.1	104,983	107,654	-2.5	90.6	90.0
Wisconsin	2,807	2,695	-3.3	29,355	28,859	1.7	70.8	71.8
West North Central	12,781	13,384	-4.4	147,814	146,768	.7	75.3	75.1
Iowa	1,729	1,717	.7	22,508	21,854	3.0	85.7	85.9
Kansas	1,745	1,697	2.8	21,771	20,629	5.5	70.3	66.8
Minnesota	1,919	2,474	-22.4	23,105	25,227	-8.4	64.6	68.8
Missouri	4,085	4,068	.4	43,985	45,353	-3.2	82.2	83.9
Nebraska	893	951	-6.1	11,587	10,268	12.8	58.7	54.8
North Dakota	2,194	2,248	-2.4	22,759	21,297	6.9	93.5	92.4
South Dakota	216	210	2.7	2,198	2,149	2.3	37.3	33.3
South Atlantic	28,012	25,085	3.7	294,785	299,779	-1.7	60.1	61.2
Delaware	438	430	1.8	4,496	4,501	-.1	68.0	59.3
District of Columbia	-	-	-	-	-	-	-	-
Florida	4,030	4,351	-7.4	54,016	54,216	-.4	47.2	47.7
Georgia	5,169	3,953	30.8	62,297	57,833	7.7	69.5	68.8
Maryland	2,008	1,678	19.7	21,390	21,525	-.6	74.1	66.1
North Carolina	4,051	4,081	-.7	43,061	45,144	-4.6	58.2	57.5
South Carolina	1,686	1,416	19.0	21,043	21,552	-2.4	33.3	35.5
Virginia	2,121	1,751	21.1	18,998	21,573	-12.4	43.8	56.6
West Virginia	6,510	7,425	-12.3	69,585	73,433	-5.2	99.1	99.1
East South Central	14,906	13,802	8.6	168,329	156,964	7.2	74.2	71.5
Alabama	4,377	4,187	4.5	48,892	47,547	2.8	69.6	67.9
Kentucky	5,364	5,272	1.7	64,730	59,523	8.7	85.7	93.8
Mississippi	521	581	-10.3	8,919	8,052	10.8	40.9	41.8
Tennessee	4,645	3,561	30.4	45,788	41,842	9.4	68.3	62.8
West South Central	14,208	13,834	2.7	163,949	163,013	-.6	47.6	48.9
Arkansas	1,445	1,877	-23.0	17,164	16,549	3.7	50.6	54.4
Louisiana	1,484	1,120	32.5	15,842	16,880	-6.2	30.0	33.6
Oklahoma	2,161	1,857	16.3	22,752	21,486	5.9	54.9	53.3
Texas	9,118	8,980	1.5	108,192	108,098	-.1	50.1	50.9
Mountain	15,171	15,226	-.4	170,261	167,494	1.7	75.8	78.1
Arizona	2,124	2,578	-17.6	29,137	29,547	-1.4	51.6	60.8
Colorado	2,325	2,412	-3.6	26,858	26,696	.6	94.5	90.7
Idaho	-	-	-	-	-	-	-	-
Montana	1,418	1,371	3.4	13,321	14,536	-8.4	57.7	62.5
Nevada	1,566	1,058	48.0	13,456	14,187	-5.1	77.4	77.7
New Mexico	1,854	2,148	-13.7	23,633	23,180	2.0	80.4	89.5
Utah	2,525	2,143	17.8	28,721	26,935	6.6	97.7	97.3
Wyoming	3,359	3,517	-4.5	35,136	32,414	8.4	98.2	97.9
Pacific	810	825	-1.7	7,591	8,386	-9.5	3.0	3.3
California	-	-	-	-	-	-	-	-
Oregon	264	*	NM	764	440	73.6	1.7	1.1
Washington	534	798	-32.9	6,548	7,674	-14.7	7.2	9.7
Alaska	12	29	-57.7	279	271	2.9	6.0	6.8
Hawaii	-	-	-	-	-	-	-	-
U.S. Total	123,841	124,338	-.4	1,420,922	1,406,435	1.0	55.3	55.7

* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

** Percent change calculation not meaningful as value is greater than 500.

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 9. Coal Consumption at Electric Utility Plants, November 1990
 (Thousand Short Tons)

Census Division and State	November 1990	October 1990	November 1989	Year to Date		
				1990	1989	Percent Change
New England	550	547	603	5,688	5,897	-3.5
Connecticut	88	32	80	877	775	13.1
Massachusetts	351	385	430	3,797	4,040	-6.0
New Hampshire	111	129	94	1,013	1,082	-6.3
Rhode Island	*	*	*	*	*	-
Middle Atlantic	4,047	4,237	4,775	49,607	51,188	-3.1
New Jersey	156	218	175	2,524	2,978	-15.2
New York	756	743	898	9,154	9,185	-.3
Pennsylvania	3,136	3,277	3,702	37,929	39,025	-2.8
East North Central	13,237	14,306	13,385	156,757	150,836	4.1
Illinois	1,936	2,164	2,267	24,947	22,765	9.6
Indiana	3,405	3,971	3,460	43,628	38,181	14.3
Michigan	2,363	2,373	2,483	27,069	27,366	-1.1
Ohio	4,065	4,198	3,661	44,578	46,109	-3.3
Wisconsin	1,469	1,600	1,493	16,535	18,215	2.0
West North Central	8,125	8,207	8,377	93,269	91,460	2.0
Iowa	1,077	1,281	1,044	13,873	13,238	4.8
Kansas	1,113	1,170	1,073	13,785	13,281	3.8
Minnesota	1,274	1,423	1,514	14,747	15,547	-5.1
Missouri	2,021	2,154	2,030	21,893	22,478	-2.6
Nebraska	569	390	592	7,341	8,476	13.3
North Dakota	1,867	1,648	1,927	19,547	18,384	6.3
South Dakota	204	139	198	2,084	2,054	1.4
South Atlantic	10,311	11,003	9,891	117,265	119,552	-1.9
Delaware	183	201	181	1,882	1,893	-.6
Florida	1,648	2,047	1,770	21,971	22,208	-1.1
Georgia	2,175	2,462	1,574	25,601	23,611	8.4
Maryland	758	646	650	8,203	8,261	-.7
North Carolina	1,542	1,710	1,571	16,612	17,421	-4.6
South Carolina	672	708	570	8,425	8,566	-1.6
Virginia	815	813	680	7,414	8,586	-13.6
West Virginia	2,519	2,416	2,895	27,156	29,007	-6.4
East South Central	6,223	6,744	5,788	71,161	86,664	6.7
Alabama	1,788	2,030	1,734	20,175	19,785	2.0
Kentucky	2,311	2,443	2,312	28,327	26,169	8.2
Mississippi	219	323	237	3,662	3,298	11.0
Tennessee	1,908	1,948	1,502	18,897	17,411	9.1
West South Central	9,810	9,998	9,448	112,330	113,013	-.6
Arkansas	907	1,186	1,126	10,611	10,037	5.7
Louisiana	955	1,022	719	10,616	11,023	-3.7
Oklahoma	1,280	1,013	1,109	13,407	12,867	4.2
Texas	6,668	6,777	6,494	77,698	79,085	-1.8
Mountain	8,179	8,371	8,220	91,727	90,606	1.2
Arizona	1,033	1,199	1,274	14,514	14,796	-1.9
Colorado	1,267	1,261	1,265	14,443	14,252	1.3
Montana	885	911	868	8,401	9,196	-8.6
Nevada	771	473	503	6,871	6,918	-.7
New Mexico	1,093	1,258	1,209	13,790	13,986	-1.3
Utah	1,090	1,129	959	12,348	11,743	5.2
Wyoming	2,040	2,140	2,142	21,361	19,734	8.2
Pacific	557	852	542	5,219	5,537	-5.8
Oregon	172	230	*	634	306	107.5
Washington	373	584	515	4,322	4,962	-12.9
Alaska	13	38	27	262	270	-2.9
U.S. Total	61,041	64,264	61,008	703,022	694,552	1.2

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 10. Coal Stocks at Electric Utility Plants, November 1990
 (Thousand Short Tons)

Census Division and State	November 30, 1990	October 31, 1990	November 30, 1989	Percent Change November 30: 1990 versus 1989
New England	1,148	1,204	1,116	2.9
Connecticut	158	174	186	-16.0
Massachusetts	626	671	662	-5.4
New Hampshire	338	331	240	40.7
Rhode Island	28	28	28	*
Middle Atlantic	17,392	17,089	13,997	24.3
New Jersey	748	700	656	14.0
New York	1,907	1,767	1,393	36.9
Pennsylvania	14,737	14,622	11,948	23.3
East North Central	42,135	39,943	37,466	12.5
Illinois	7,676	7,340	9,115	-15.8
Indiana	10,994	10,382	8,512	29.2
Michigan	9,552	9,210	8,830	8.2
Ohio	9,968	9,200	6,738	47.9
Wisconsin	3,945	3,812	4,272	-7.7
West North Central	20,472	19,495	21,155	-3.2
Iowa	4,687	4,307	4,560	2.3
Kansas	3,693	3,485	3,704	-3
Minnesota	2,437	2,090	2,289	6.4
Missouri	4,813	4,589	4,791	.5
Nebraska	1,682	1,688	1,762	-4.5
North Dakota	2,885	3,066	3,748	-23.0
South Dakota	295	270	300	-2.0
South Atlantic	27,685	26,982	23,774	16.5
Delaware	409	357	346	18.2
Florida	4,911	4,601	4,591	7.0
Georgia	5,491	5,357	5,493	*
Maryland	2,030	2,007	1,204	68.6
North Carolina	4,322	4,229	3,599	20.1
South Carolina	2,005	1,925	2,119	-5.4
Virginia	1,515	1,514	1,714	-11.6
West Virginia	7,002	6,991	4,709	48.7
East South Central	15,944	15,333	13,078	21.9
Alabama	3,981	3,830	4,174	-4.6
Kentucky	7,632	7,323	4,785	59.5
Mississippi	743	650	797	-6.7
Tennessee	3,588	3,530	3,322	8.0
West South Central	15,574	15,017	17,725	-12.1
Arkansas	1,468	1,273	2,501	-41.3
Louisiana	2,578	2,392	2,595	-.6
Oklahoma	2,864	2,898	3,102	-7.7
Texas	8,063	8,457	9,527	-9.1
Mountain	17,788	17,943	17,430	2.0
Arizona	3,194	3,054	3,588	-10.9
Colorado	3,617	3,678	3,954	-8.5
Montana	947	886	879	7.8
Nevada	1,288	1,464	925	40.4
New Mexico	1,480	1,507	1,327	11.5
Utah	3,927	4,098	3,408	15.2
Wyoming	3,325	3,257	3,352	-.8
Pacific	2,029	1,850	1,465	38.5
Oregon	542	418	480	13.0
Washington	1,470	1,430	982	49.7
Alaska	16	2	3	493.3
U.S. Total	160,168	154,857	147,207	8.8

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 11. Coal Receipts at Electric Utility Plants, October 1990
 (Thousand Short Tons)

Census Division and State	October 1990	September 1990	October 1989	Year to Date		
				1990	1989	Percent Change
New England	512	410	674	5,272	5,229	0.8
Connecticut	64	64	95	814	707	15.1
Massachusetts	339	251	447	3,449	3,653	-5.6
New Hampshire	109	96	132	1,009	869	16.0
Middle Atlantic	4,982	4,981	5,258	49,621	46,502	6.7
New Jersey	196	224	335	2,425	2,781	-12.8
New York	948	802	936	8,783	8,194	7.2
Pennsylvania	3,839	3,898	3,985	38,413	36,527	8.1
East North Central	15,812	15,085	15,168	146,137	133,837	9.2
Illinois	2,411	1,987	2,291	22,108	20,736	6.6
Indiana	4,238	4,337	4,169	41,547	32,766	26.8
Michigan	3,298	3,164	3,166	24,691	24,157	2.2
Ohio	4,290	4,103	3,944	42,887	41,248	4.0
Wisconsin	1,575	1,494	1,596	14,903	14,929	-2
West North Central	8,796	7,887	8,470	85,893	83,974	2.3
Iowa	1,555	1,433	1,301	13,181	12,162	8.4
Kansas	1,413	1,090	951	13,139	12,390	6.0
Minnesota	1,521	1,338	1,716	13,759	13,374	2.9
Missouri	2,099	1,829	2,268	20,166	20,893	-3.5
Nebraska	504	591	529	6,815	6,071	12.2
North Dakota	1,591	1,413	1,600	17,196	17,425	-1.3
South Dakota	114	193	105	1,647	1,659	-7
South Atlantic	12,010	11,207	11,960	113,130	107,501	5.2
Delaware	203	75	188	1,797	1,535	17.1
Florida	1,983	1,967	2,055	20,389	19,495	4.6
Georgia	2,450	2,468	2,248	23,436	21,295	10.1
Maryland	784	878	826	8,430	7,247	16.3
North Carolina	2,014	1,495	1,835	16,540	15,466	6.9
South Carolina	842	785	1,042	7,887	8,384	-5.9
Virginia	856	858	878	6,738	8,221	-18.0
West Virginia	2,877	2,682	3,089	27,933	26,878	7.9
East South Central	7,269	6,794	6,812	69,737	61,832	13.2
Alabama	2,093	1,917	1,881	18,641	17,711	5.3
Kentucky	2,888	2,798	2,828	29,966	25,868	16.7
Mississippi	361	298	350	3,330	2,970	12.1
Tennessee	1,926	1,782	1,553	17,801	15,284	16.5
West South Central	10,131	10,305	9,405	100,539	102,226	-1.7
Arkansas	933	820	1,065	8,801	9,704	-9.3
Louisiana	1,111	1,203	924	9,433	9,862	-4.3
Oklahoma	1,083	1,193	1,117	11,994	12,133	-1.1
Texas	7,005	7,089	6,299	70,311	70,527	-3
Mountain	9,052	8,508	8,575	83,512	81,581	2.4
Arizona	1,512	1,406	1,492	13,048	12,813	1.8
Colorado	1,262	1,261	1,255	12,845	13,117	-2.1
Montana	962	754	928	7,810	8,324	-8.6
Nevada	560	692	369	6,181	5,944	4.0
New Mexico	1,350	1,243	1,264	12,864	12,603	2.1
Utah	1,358	1,294	1,266	12,080	11,223	7.6
Wyoming	2,052	1,658	2,001	18,884	17,557	7.6
Pacific	594	550	459	4,931	4,650	6.0
Oregon	224	180	-	627	-	-
Washington	370	370	459	4,304	4,650	-7.4
U.S. Total	69,159	65,728	66,578	658,770	627,131	6.0

Note: Total may not equal sum of components because of independent rounding.
 Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 12. Quality and Price of Coal Receipts at Electric Utility Plants,
October 1990**

Census Division and State	October 1990		October 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	1.04	180	1.00	172	0.97	180	0.96	169	0.7	6.3
Connecticut .....	.41	221	.42	213	.41	212	.40	214	2.2	-.9
Massachusetts .....	.97	174	.96	161	.98	173	.94	160	2.4	8.2
New Hampshire	1.62	175	1.54	177	1.46	178	1.53	171	-4.6	3.6
Mid Atlantic	1.66	156	1.54	150	1.65	155	1.57	148	5.5	4.3
New Jersey .....	.96	184	.90	177	.85	180	.87	175	-1.6	2.7
New York	1.38	163	1.34	158	1.43	161	1.33	157	7.9	2.6
Pennsylvania	1.77	152	1.65	145	1.76	151	1.68	144	4.6	5.2
East North Central	1.66	150	1.57	153	1.66	151	1.67	155	-1.1	-2.0
Illinois	1.89	176	1.91	184	1.91	176	1.87	182	2.4	-3.4
Indiana	2.07	134	1.90	133	1.94	137	2.13	136	-9.0	.7
Michigan .....	.64	155	.60	161	.63	161	.59	173	7.7	-6.9
Ohio	2.15	151	2.05	152	2.05	151	2.07	148	-.9	2.4
Wisconsin .....	.85	138	.92	146	.85	137	.89	145	-4.4	-5.5
West North Central	1.07	113	1.15	114	1.11	115	1.15	116	-3.6	-.8
Iowa .....	.94	118	1.01	122	.82	114	.90	123	-8.9	-7.2
Kansas .....	.69	123	.83	130	.69	125	.71	124	-3.3	1.0
Minnesota .....	.60	111	.50	107	.57	128	.58	122	-2.8	4.6
Missouri	1.77	134	1.93	138	1.94	137	2.01	135	-3.2	1.2
Nebraska .....	.39	71	.41	72	.42	76	.42	85	-.1	-10.7
North Dakota	1.17	69	1.09	68	1.22	69	1.10	69	11.2	-1.1
South Dakota .....	.72	114	1.30	125	1.50	115	1.45	124	3.1	-7.3
South Atlantic	1.20	170	1.24	166	1.23	168	1.20	165	2.1	1.8
Delaware .....	.78	179	.85	176	.73	182	.80	179	-7.8	1.7
Florida	1.41	185	1.48	178	1.41	185	1.43	179	-1.0	3.5
Georgia	1.33	180	1.47	175	1.38	174	1.38	175	.0	-.9
Maryland	1.12	167	1.26	162	1.13	165	1.11	161	1.9	2.6
North Carolina .....	.76	177	.74	179	.76	178	.73	176	3.6	1.0
South Carolina .....	.96	174	.89	188	.94	172	.89	171	5.7	.5
Virginia .....	.78	154	.79	160	.75	155	.74	154	2.7	.7
West Virginia	1.52	150	1.47	146	1.52	147	1.49	142	2.2	3.6
East South Central	1.72	143	1.99	140	1.78	144	1.85	143	-3.6	.8
Alabama	1.23	179	1.53	184	1.25	185	1.38	186	-9.6	-.5
Kentucky	2.19	118	2.53	112	2.25	119	2.38	113	-5.3	5.2
Mississippi	1.25	167	1.29	159	1.32	165	1.22	168	8.3	-1.9
Tennessee	1.69	135	1.80	128	1.67	136	1.67	134	.3	1.4
West South Central .....	.86	153	.79	154	.84	149	.81	148	4.3	.5
Arkansas .....	.40	164	.40	162	.39	163	.39	163	.0	.4
Louisiana .....	.61	172	.52	162	.60	170	.59	162	2.9	4.6
Oklahoma .....	.58	138	.55	140	.54	139	.50	137	6.7	1.4
Texas	1.03	151	.97	155	1.01	146	.97	146	3.6	-.2
Mountain .....	.57	115	.58	111	.56	113	.58	112	.3	1.4
Arizona .....	.47	139	.50	127	.47	144	.46	137	1.0	5.2
Colorado .....	.37	106	.38	107	.39	107	.38	107	2.9	.0
Montana .....	.78	70	.73	65	.74	65	.79	56	-6.4	15.7
Nevada .....	.50	146	.45	202	.47	151	.47	147	1.1	2.8
New Mexico .....	.86	139	.95	125	.87	131	.87	124	.0	5.5
Utah .....	.43	128	.42	120	.44	115	.42	125	2.8	-8.0
Wyoming .....	.64	85	.64	84	.61	83	.60	85	2.0	-1.9
.....	.70	136	.83	157	.81	152	.82	155	-1.3	-2.0
.....	.39	107	-	-	.37	109	-	-	-	-
.....	.90	153	.83	157	.88	158	.82	155	8.6	2.1
.....	1.28	146	1.29	145	1.29	148	1.28	145	1.2	.7

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Quality and Price of Contract Coal Receipts at Electric Utility Plants, October 1990

Census Division and State	October 1990		October 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	1.03	180	0.90	172	0.98	180	0.85	169	15.4	6.0
Connecticut .....	.41	221	.42	213	.41	214	.40	219	2.5	-2.1
Massachusetts .....	.94	173	.98	159	.98	169	.94	158	3.8	7.3
New Hampshire	1.62	175	1.30	173	1.50	177	1.30	173	14.8	1.9
Mid Atlantic	1.71	158	1.62	153	1.72	158	1.64	154	5.1	2.7
New Jersey	1.02	184	.90	178	.86	179	.91	175	-5.5	1.7
New York	1.38	161	1.33	161	1.44	162	1.29	163	11.2	-.6
Pennsylvania	1.82	156	1.76	149	1.85	155	1.78	150	4.3	3.6
East North Central	1.70	159	1.59	163	1.69	159	1.68	164	.6	-2.7
Illinois	1.94	185	1.92	189	1.98	184	1.91	187	3.5	-1.8
Indiana	2.10	139	1.91	140	1.97	141	2.16	143	-9.1	-1.2
Michigan .....	.60	161	.58	169	.61	165	.58	178	5.0	-7.5
Ohio	2.28	168	2.06	170	2.18	166	2.19	164	-.5	1.1
Wisconsin .....	.96	142	1.01	146	.93	142	.92	145	.9	-1.8
West North Central	1.11	118	1.19	117	1.11	116	1.14	117	-2.2	-.6
Iowa	1.16	138	1.08	148	.89	124	.80	130	11.4	-4.5
Kansas .....	.46	133	.82	130	.45	127	.59	128	-23.5	.6
Minnesota .....	.58	111	.48	107	.56	129	.58	122	-3.8	5.1
Missouri	1.91	137	2.04	141	2.05	140	2.06	137	-.4	1.6
Nebraska .....	.41	74	.42	75	.41	79	.42	88	-3.0	-10.6
North Dakota	1.17	69	1.09	68	1.22	69	1.10	70	11.1	-1.7
South Dakota .....	.76	114	1.30	125	1.51	115	1.45	124	3.8	-7.3
South Atlantic	1.22	177	1.23	175	1.24	176	1.21	174	2.9	1.1
Delaware .....	.72	187	.85	176	.73	184	.79	181	-8.0	1.6
Florida	1.36	193	1.40	191	1.34	193	1.31	189	2.6	2.0
Georgia	1.45	189	1.48	180	1.45	182	1.43	183	1.6	-.4
Maryland	1.17	167	1.28	164	1.14	166	1.17	163	-2.9	2.0
North Carolina .....	.75	184	.74	183	.76	183	.73	181	3.5	1.4
South Carolina .....	.97	180	.87	176	.94	177	.90	179	5.3	-1.0
Virginia .....	.80	158	.75	157	.78	157	.74	153	5.4	2.3
West Virginia	1.53	159	1.47	161	1.58	158	1.51	155	4.4	2.0
East South Central	1.81	149	2.06	149	1.87	151	1.88	155	.5	-2.5
Alabama	1.16	195	1.32	206	1.12	203	1.25	201	-10.4	.8
Kentucky	2.49	118	2.91	115	2.60	120	2.70	121	-3.8	-.3
Mississippi	1.11	171	1.12	167	1.11	170	1.08	175	2.7	-2.7
Tennessee	1.72	138	1.85	131	1.72	139	1.72	139	.2	.6
West South Central .....	.87	154	.78	155	.85	150	.80	148	6.3	2.8
Arkansas .....	.40	164	.40	162	.39	163	.39	163	.0	.4
Louisiana .....	.61	172	.52	162	.60	170	.58	163	4.0	4.2
Oklahoma .....	.65	137	.47	141	.51	141	.48	139	8.0	2.0
Texas	1.06	152	.98	158	1.03	146	.98	141	4.6	3.5
Mountain .....	.58	117	.59	112	.57	118	.56	113	.3	2.0
Arizona .....	.47	139	.50	127	.46	144	.46	137	1.0	5.2
Colorado .....	.38	107	.38	109	.39	108	.38	108	3.8	-.0
Montana .....	.78	70	.73	65	.74	66	.79	66	-6.4	15.7
Nevada .....	.50	146	.45	202	.47	151	.47	147	1.1	2.8
New Mexico .....	.86	139	.95	125	.87	131	.87	124	.0	5.5
Utah .....	.42	129	.41	121	.43	118	.42	127	2.7	-8.4
Wyoming .....	.66	87	.64	85	.63	86	.62	87	1.5	-1.2
Pacific .....	.70	136	.91	162	.85	154	.88	181	-3.9	-4.4
Oregon .....	.39	107	—	—	.37	109	—	—	—	—
Washington .....	.90	153	.91	162	.92	161	.88	161	4.9	.1
U.S. Total	1.29	151	1.27	150	1.29	150	1.25	149	3.0	.8

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Quality and Price of Spot Coal Receipts at Electric Utility Plants, October 1990

Census Division and State	October 1990		October 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	1.12	179	1.22	171	0.95	181	1.19	169	-20.0	7.0
Connecticut	-	-	-	-	.42	192	.42	180	.5	6.5
Massachusetts	1.12	179	.91	166	.92	180	.93	165	-.6	8.7
New Hampshire	-	-	1.68	179	1.32	181	1.55	171	-14.6	5.8
Mid Atlantic	1.43	147	1.31	140	1.42	145	1.37	134	3.7	8.0
New Jersey .....	.54	184	.93	172	.81	189	.74	173	9.4	8.9
New York	1.37	167	1.37	152	1.43	160	1.40	147	1.9	9.4
Pennsylvania	1.50	133	1.31	134	1.44	138	1.41	127	2.0	8.8
East North Central	1.52	124	1.54	125	1.50	126	1.60	120	-6.3	4.5
Illinois	1.58	124	1.74	119	1.57	130	1.45	123	8.3	6.1
Indiana	1.92	118	1.86	111	1.79	119	1.98	110	-9.6	8.4
Michigan .....	.77	139	.64	141	.73	147	.63	146	15.2	.4
Ohio	1.89	119	2.03	121	1.80	122	1.83	115	-1.8	6.4
Wisconsin .....	.42	125	.52	145	.62	118	.71	142	-13.3	-17.1
West North Central .....	.92	103	.98	105	1.12	107	1.29	107	-13.6	.1
Iowa .....	.61	88	.96	101	.67	93	1.22	103	-45.2	-9.5
Kansas	1.11	104	.96	119	1.75	116	1.47	109	19.3	7.1
Minnesota .....	.82	114	.69	114	.82	115	.79	117	3.8	-1.2
Missouri	1.30	127	1.36	125	1.48	126	1.64	121	-10.2	3.6
Nebraska .....	.37	66	.39	67	.43	68	.37	68	16.0	-.9
North Dakota	-	-	-	-	-	-	1.00	48	-	-
South Dakota .....	.41	114	-	-	.41	114	-	-	-	-
South Atlantic	1.12	145	1.25	144	1.18	144	1.19	141	-.7	1.8
Delaware .....	.94	159	-	-	.76	179	.89	161	-14.7	10.6
Florida	1.64	148	1.70	143	1.72	149	1.82	143	-5.6	4.1
Georgia	1.01	156	1.45	159	1.18	153	1.22	153	-3.0	-.2
Maryland	1.02	166	1.19	157	1.11	162	.97	156	13.7	3.7
North Carolina .....	.78	143	.74	160	.77	151	.74	152	4.5	-1.1
South Carolina .....	.93	157	.92	159	.93	157	.88	156	6.3	.3
Virginia .....	.74	150	.82	163	.71	150	.73	154	-3.3	-2.4
West Virginia	1.46	114	1.48	111	1.34	114	1.42	106	-6.8	7.8
East South Central	1.42	123	1.82	114	1.52	122	1.82	109	-16.4	11.8
Alabama	1.44	127	2.16	122	1.69	127	1.97	121	-14.3	4.8
Kentucky	1.23	118	1.71	107	1.42	118	1.89	102	-25.1	14.4
Mississippi	2.18	144	1.73	138	1.99	147	1.80	137	10.4	7.1
Tennessee	1.57	124	1.56	114	1.47	122	1.42	113	3.2	8.0
West South Central .....	.55	137	.79	122	.55	126	.85	176	-35.2	-28.3
Louisiana	-	-	-	-	-	-	.87	131	-	-
Oklahoma	1.04	146	1.18	131	.68	122	.72	124	-6.0	-1.8
Texas .....	.42	134	.38	113	.46	129	.88	189	-47.8	-31.6
Mountain .....	.42	92	.44	99	.45	89	.41	88	11.1	.5
Arizona	-	-	-	-	.64	145	-	-	-	-
Colorado .....	.34	104	.43	101	.38	100	.38	98	-1.5	2.0
Nevada	-	-	-	-	.62	149	-	-	-	-
Utah .....	.47	105	.47	106	.47	105	.47	104	.6	.4
Wyoming .....	.60	67	.40	78	.50	67	.39	63	29.5	7.5
Pacific	-	-	.36	131	.36	128	.46	119	-22.2	7.0
Washington	-	-	.36	131	.36	128	.46	119	-22.2	7.0
U.S. Total	1.24	127	1.36	129	1.28	129	1.38	128	-6.0	1.0

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 15. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, October 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	331	262	842	185	340	161	1,513	197	1.14	15.3	-0.6	-8.4
Arizona	1,089	103	-	-	-	-	1,089	103	.46	13.2	-.9	-5.1
Colorado	1,290	152	-	-	-	-	1,290	152	.37	4.2	1.5	-4.3
Illinois	-	-	916	159	3,909	158	4,826	158	2.43	-2.5	1.0	3.5
Indiana	50	151	167	135	2,455	127	2,672	127	2.35	5.3	2.0	2.5
Iowa	-	-	-	-	5	168	5	168	3.09	-37.5	6.9	-.2
Kansas	-	-	-	-	46	129	46	129	2.75	-51.2	-5.7	-32.5
Kentucky	1,386	163	8,064	168	3,692	126	11,142	154	1.45	.2	.7	-5.7
Louisiana	-	-	322	127	-	-	322	127	.79	8.8	-3.3	11.5
Maryland	-	-	311	149	7	102	318	150	1.28	40.8	2.5	.5
Missouri	-	-	-	-	200	159	200	159	3.89	-25.9	26.1	-7.4
Montana	1,747	169	1,964	101	-	-	3,711	135	.58	5.8	4.6	5.8
New Mexico	509	183	1,559	148	-	-	2,068	157	.74	14.1	9.1	-9.9
North Dakota	-	-	1,694	72	-	-	1,694	72	1.15	-.7	.3	4.3
Ohio	1	179	127	155	2,536	146	2,663	146	2.90	10.7	-11.0	4.6
Oklahoma	8	146	45	147	29	113	82	134	1.77	-22.5	-3.6	13.0
Pennsylvania	102	165	2,997	155	1,370	154	4,469	155	1.52	-3.0	4.2	7.1
Tennessee	75	137	189	135	74	130	318	134	1.14	-28.0	-8.0	3.2
Texas	-	-	2,307	123	1,931	115	4,239	119	1.57	26.9	-2.1	-3.1
Utah	1,249	117	70	149	-	-	1,318	119	.44	-3.9	-1.7	3.5
Virginia	280	182	1,325	166	13	158	1,618	168	.89	5.4	-1.5	.2
Washington	-	-	370	153	-	-	370	153	.90	-8.4	-5.3	-1.0
West Virginia	2,022	173	3,697	162	2,128	145	7,846	160	1.26	1.1	3.6	-1.0
Wyoming	13,810	136	1,445	96	-	-	15,256	132	.45	5.0	-2.2	2.6
Imported	39	152	46	181	-	-	85	167	.61	82.4	-3.2	13.8
U.S. Total	23,988	148	26,436	150	18,735	141	69,159	146	1.28	3.9	.5	-.7

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 16. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-October 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	3,565	260	6,667	187	3,630	181	13,862	204	1.10	13.1	1.8	-1.2
Arizona	9,304	108	-	-	-	-	9,304	108	.45	-7.5	3.4	.1
Colorado	12,654	143	150	218	-	-	12,804	144	.39	11.4	2.1	3.0
Illinois	-	-	8,497	165	36,930	155	45,427	157	2.42	-.5	-.1	3.1
Indiana	517	151	2,480	127	23,261	128	26,258	128	2.30	18.9	1.4	-.4
Iowa	-	-	-	-	54	163	54	163	3.36	42.1	7.7	-7.1
Kansas	-	-	-	-	568	123	568	123	2.58	-11.0	-5.3	-28.9
Kentucky	14,184	168	58,353	168	36,196	125	108,733	155	1.49	8.1	.4	1.1
Louisiana	-	-	2,719	133	-	-	2,719	133	.79	11.0	4.1	-.9
Maryland	-	-	2,410	154	58	128	2,467	154	1.28	27.9	5.1	-2.5
Missouri	-	-	-	-	2,026	166	2,026	166	3.96	-20.0	25.7	-6.2
Montana	12,397	179	16,704	106	-	-	20,102	139	.58	-2.9	3.4	-4.4
New Mexico	5,126	185	14,270	137	-	-	19,396	151	.74	4.6	4.7	.2
North Dakota	-	-	17,459	72	1,374	70	18,833	72	1.25	-.3	-2.1	10.4
Ohio	27	154	1,402	143	23,838	150	25,267	149	2.85	-.2	-4.1	2.1
Oklahoma	448	148	429	145	210	112	1,088	139	1.31	19.5	-1.1	-26.3
Pennsylvania	1,599	172	29,059	154	12,393	152	43,051	154	1.47	8.9	4.4	3.9
Tennessee	270	140	3,004	149	760	133	4,033	146	1.14	3.6	3.2	7.1
Texas	-	-	27,059	108	14,048	111	41,107	108	1.56	2.9	2.9	.4
Utah	12,220	114	906	152	-	-	13,126	117	.44	6.5	-7.7	1.8
Virginia	2,858	184	11,712	165	23	157	14,593	169	.88	-3.9	1.6	-.8
Washington	-	-	3,956	161	-	-	3,956	161	.92	-3.8	1.2	5.2
West Virginia	19,102	170	33,696	160	21,113	143	73,911	158	1.31	6.2	3.4	2.4
Wyoming	136,645	136	9,358	98	9	136	146,013	133	.44	6.1	-3.5	-.1
Imported	351	168	721	178	-	-	1,071	174	.61	11.7	-2.3	9.6
U.S. Total.....	231,267	147	251,011	149	176,492	141	658,770	146	1.29	5.0	.7	1.2

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 17. Destination of Coal Received at Electric Utility Plants by Origin,
January-October 1990**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	18,641	17,711	76.6	81.4	1.25	1.38	185	188
Alabama	13,647	12,076	93.1	93.6	1.10	1.11	205	202
Illinois	416	761	-	3.3	2.03	1.98	112	110
Indiana	459	281	-	-	2.05	2.91	117	105
Kentucky	2,896	1,834	38.2	41.9	1.87	2.34	135	124
Ohio	493	2,114	95.0	100.0	2.00	1.99	117	209
Tennessee	708	609	11.3	28.4	.65	.62	124	125
West Virginia	4	36	-	100.0	.51	.60	151	124
Wyoming	216	-	-	-	.44	-	170	-
Arizona	13,048	12,813	99.8	100.0	.47	.48	144	137
Arizona	5,948	6,402	100.0	100.0	.44	.44	100	97
Colorado	841	506	100.0	100.0	.33	.34	175	172
New Mexico	6,259	5,905	99.7	100.0	.52	.50	187	182
Arkansas	8,001	9,704	100.0	100.0	.39	.39	163	163
Wyoming	8,801	9,704	100.0	100.0	.39	.39	163	163
Colorado	12,845	13,117	84.9	87.5	.39	.38	107	107
Colorado	8,328	8,379	76.8	83.2	.39	.38	108	110
New Mexico	-	32	-	-	.42	-	130	-
Wyoming	4,517	4,706	100.0	95.6	.39	.37	105	100
Connecticut	814	707	90.5	88.0	.41	.40	212	214
Kentucky	814	681	90.5	91.3	.41	.40	212	215
West Virginia	-	26	-	-	.40	-	185	-
Delaware	1,797	1,535	75.8	92.4	.73	.80	182	179
Kentucky	117	24	14.2	75.0	.52	.61	194	177
Maryland	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania	286	375	36.8	84.8	1.04	1.16	163	166
Virginia	227	42	51.7	100.0	.71	.65	195	200
West Virginia	1,146	1,086	86.1	95.1	.68	.68	184	183
Florida	20,389	19,495	81.3	76.9	1.41	1.43	185	179
Alabama	-	13	-	-	-	2.55	-	114
Illinois	3,531	3,439	98.5	99.9	2.42	2.38	208	199
Indiana	373	476	-	18.1	2.88	2.99	108	129
Kentucky	12,972	12,517	77.9	69.2	1.30	1.28	179	172
Tennessee	101	86	100.0	100.0	.85	.79	214	216
Virginia	817	709	89.0	97.6	.58	.58	236	232
West Virginia	1,773	1,640	87.7	88.9	.89	.95	184	182
Imported coal	Colombia	782	599	78.3	100.0	.62	.61	172
Imported coal	Venezuela ...	40	37	-	-	.63	.38	171
Georgia	23,436	21,295	71.9	75.9	1.38	1.38	174	175
Alabama	215	169	10.8	-	1.66	1.63	155	152
Illinois	4,131	4,338	95.4	100.0	2.52	2.27	176	186
Kentucky	12,336	11,830	71.8	68.0	1.28	1.27	168	165
Montana	-	54	-	-	.34	-	181	-
Ohio	46	-	-	-	2.28	-	142	-
Tennessee	1,179	885	52.5	80.0	1.10	.79	183	200
Virginia	2,838	2,802	74.8	69.5	1.06	1.10	174	170
West Virginia	1,216	1,122	100.0	100.0	.56	.53	247	242
Wyoming	1,476	71	4.0	-	.37	.40	139	157
Imported coal	Colombia	-	23	-	-	.54	-	173
Illinois	22,108	20,738	85.5	91.9	1.81	1.67	176	182
Colorado	11	-	-	-	.40	-	156	-
Illinois	13,032	12,140	90.0	95.3	2.72	2.69	146	151
Indiana	1,603	1,634	74.6	68.0	1.57	1.36	126	127
Kentucky	1,820	1,300	44.1	67.0	.81	.63	156	163
Montana	2,333	2,363	100.0	99.5	.39	.38	280	283
New Mexico	211	-	47.4	-	.46	-	168	-
Tennessee	95	-	100.0	-	.56	-	169	-
Virginia	-	6	-	-	-	.59	-	185
West Virginia	193	234	21.5	57.3	.52	.52	157	168
Wyoming	2,810	3,059	92.5	99.0	.43	.48	289	292
Indiana	41,547	32,766	82.8	80.2	1.94	2.13	137	136
Colorado	457	126	100.0	82.2	.39	.38	301	305
Illinois	8,174	7,569	86.3	86.8	2.42	2.40	159	160
Indiana	17,968	15,509	80.6	81.5	2.41	2.47	125	122
Kentucky	3,917	3,417	91.0	79.9	2.42	2.48	132	124
Montana	563	232	57.9	78.4	.39	.36	231	259
Ohio	47	9	-	-	2.25	1.99	125	131
Virginia	55	-	-	-	.58	-	164	-
West Virginia	332	241	61.3	48.1	.55	.78	201	183
Wyoming	10,033	5,684	83.1	70.0	.39	.45	128	144

See footnotes at end of table.

Table 17. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Iowa	13,181	12,162	68.9	76.5	0.82	0.90	114	123
Illinois	1,122	1,588	91.3	65.4	2.49	2.54	169	146
Indiana	901	620	66.9	42.8	2.25	2.15	135	131
Iowa	54	38	100.0	100.0	3.36	3.62	163	152
Kentucky	25	75	-	-	2.75	2.35	132	127
Wyoming	11,079	9,841	66.8	81.0	.43	.42	105	118
Kansas	13,139	12,390	84.5	87.9	.69	.71	125	124
Colorado	178	-	94.2	-	.33	-	118	-
Illinois	1,172	527	16.7	29.5	2.51	2.62	146	146
Kansas	226	555	-	55.0	2.41	3.76	121	129
Wyoming	11,563	11,308	92.8	92.3	.41	.41	122	122
Kentucky	29,986	25,668	71.9	61.7	2.25	2.38	119	113
Illinois	91	9	88.6	-	1.59	1.72	135	116
Indiana	2,211	1,789	64.3	45.2	2.41	2.20	111	104
Kentucky	24,101	21,249	75.7	65.7	2.45	2.58	118	114
Ohio	233	112	55.8	57.2	2.40	2.19	147	133
Pennsylvania	12	18	12.4	49.4	2.05	1.98	113	127
Tennessee	518	450	84.9	19.3	2.08	2.06	120	104
Virginia	60	-	100.0	-	.58	-	158	-
West Virginia	2,527	2,019	40.9	44.6	.62	.66	129	116
Wyoming	213	22	65.2	-	.40	.37	123	124
Louisiana	8,433	9,862	100.0	97.5	.60	.59	170	162
Louisiana	2,719	2,449	100.0	89.9	.79	.80	133	128
West Virginia	178	138	100.0	100.0	.51	.49	205	202
Wyoming	6,535	7,275	100.0	100.0	.54	.53	181	170
Maryland	8,430	7,247	70.0	67.5	1.13	1.11	165	161
Kentucky	367	631	77.7	84.2	.56	.59	160	166
Maryland	1,451	1,163	45.7	53.9	1.24	1.25	171	165
Pennsylvania	2,121	2,034	91.7	95.8	1.48	1.50	179	170
Virginia	14	-	-	-	.49	-	184	-
West Virginia	4,477	3,172	67.1	56.3	.98	.96	156	149
Imported coal Colombia	-	247	-	-	-	.47	-	195
Massachusetts	3,449	3,853	68.7	78.2	.96	.94	173	160
Kentucky	49	23	-	-	.75	.69	180	138
Maryland	40	-	-	-	.75	-	185	-
Pennsylvania	804	746	28.5	16.3	1.08	1.06	174	164
Virginia	1,154	1,502	92.1	100.0	.95	.91	175	162
West Virginia	1,267	1,346	85.0	86.2	.96	.92	168	154
Imported coal Colombia	64	35	-	-	.61	.48	179	196
Imported coal Venezuela	70	-	-	-	.48	-	181	-
Michigan	24,691	24,157	78.9	83.2	.63	.59	161	173
Indiana	148	137	59.3	63.8	2.47	2.29	159	156
Kentucky	6,186	6,069	71.3	86.3	.74	.65	178	195
Montana	9,315	9,648	97.1	95.3	.37	.38	150	155
Ohio	157	185	83.4	68.8	2.77	2.52	192	183
Pennsylvania	1,652	1,401	70.8	75.3	1.10	1.00	159	173
Virginia	113	499	100.0	100.0	1.09	.92	186	178
West Virginia	5,162	5,199	75.5	74.9	.67	.58	170	180
Wyoming	1,979	1,019	32.7	-	.34	.35	111	118
Minnesota	13,758	13,374	93.8	94.8	.57	.59	128	122
Illinois	43	46	100.0	100.0	1.32	1.36	180	195
Indiana	68	68	12.7	-	1.80	1.64	156	138
Kentucky	8	1	56.8	-	.91	.59	189	198
Montana	7,665	7,440	89.9	91.9	.76	.79	134	128
North Dakota	1	-	100.0	-	.87	-	174	-
Pennsylvania	3	-	100.0	-	1.02	-	176	-
West Virginia	2	-	100.0	-	.95	-	169	-
Wyoming	5,968	5,817	99.3	99.7	.31	.31	119	114
Mississippi	3,330	2,870	75.3	80.6	1.32	1.22	165	168
Illinois	957	852	90.1	84.6	2.03	1.99	151	148
Indiana	23	-	-	-	4.17	-	126	-
Kentucky	2,350	1,991	70.1	78.7	1.01	.85	171	178
West Virginia	-	27	-	-	-	1.30	-	143
Missouri	20,156	20,893	79.5	86.3	1.94	2.01	137	135
Colorado	198	62	100.0	14.5	.40	.33	159	187
Illinois	10,158	11,773	85.0	89.9	2.21	2.15	152	151
Indiana	115	55	100.0	49.1	2.90	1.09	122	123
Kansas	342	83	8.8	35.4	2.69	2.80	124	134
Kentucky	972	158	87.7	96.2	2.56	2.63	123	126

See footnotes at end of table.

**Table 17. Destination of Coal Received at Electric Utility Plants by Origin,
January-October 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Missouri								
Missouri.....	2,026	2,534	97.5	98.9	3.96	4.22	166	132
New Mexico.....	18	-	-	-	.34	-	135	-
Ohio.....	24	-	-	-	2.10	-	171	-
Oklahoma.....	36	271	100.0	63.5	3.64	3.28	138	136
Utah.....	-	48	-	-	.40	-	-	183
Wyoming.....	6,269	5,908	65.3	77.1	.43	.44	97	96
Montana	7,610	8,324	100.0	100.0	.74	.79	65	56
Montana.....	7,610	8,324	100.0	100.0	.74	.79	65	56
Nebraska	6,815	6,071	75.8	85.2	.42	.42	78	85
Colorado.....	-	80	-	100.0	-	.45	-	182
Montana.....	-	0	-	-	-	.36	-	23
Wyoming.....	6,815	5,891	75.8	85.0	.42	.42	78	83
Nevada	6,181	5,944	99.9	100.0	.47	.47	151	147
Arizona.....	3,356	3,657	100.0	100.0	.48	.47	122	118
Utah.....	2,316	1,962	99.6	100.0	.47	.46	180	180
Wyoming.....	508	325	100.0	100.0	.45	.51	203	187
New Hampshire	1,009	869	80.1	5.6	1.46	1.53	178	171
Kentucky.....	17	-	-	-	.68	-	201	-
Ohio.....	-	16	-	-	-	2.39	-	183
Pennsylvania	127	184	100.0	15.6	1.06	1.01	179	174
Virginia.....	-	18	-	-	-	.87	-	217
West Virginia	749	651	80.0	3.0	1.68	1.68	175	169
Imported coal Canada	34	-	-	-	.39	-	189	-
Imported coal Venezuela	81	-	100.0	-	-	-	180	175
New Jersey	2,425	2,781	88.3	75.8	.85	.87	190	177
Kentucky.....	31	48	-	-	.62	.58	-	-
Ohio.....	14	-	-	-	1.66	-	203	-
Pennsylvania	26	31	-	-	.95	1.13	189	181
Virginia.....	853	986	98.3	78.4	.58	.61	177	173
West Virginia	1,501	1,697	86.8	78.4	1.02	1.04	181	176
Imported coal Colombia	-	12	-	-	-	.43	-	188
Imported coal Venezuela	-	6	-	-	-	.37	-	-
New Mexico	12,864	12,603	100.0	100.0	.87	.87	131	124
New Mexico.....	12,864	12,603	100.0	100.0	.87	.87	131	124
New York	8,783	8,194	67.0	64.5	1.43	1.33	161	157
Kentucky.....	524	477	94.1	100.0	.39	.39	210	200
Maryland.....	23	-	-	-	1.33	-	169	-
Ohio.....	38	14	-	-	1.55	1.69	160	157
Pennsylvania	4,548	4,851	47.7	44.3	1.45	1.35	156	149
West Virginia.....	3,652	2,852	88.2	93.1	1.56	1.45	160	163
North Carolina	16,540	15,466	84.3	84.5	.76	.73	178	178
Kentucky.....	8,175	7,755	80.8	81.4	.78	.74	183	180
Tennessee.....	-	168	-	100.0	-	1.08	-	187
Virginia.....	3,713	3,044	97.0	92.5	.84	.80	168	171
West Virginia.....	4,652	3,902	80.3	82.6	.65	.62	177	174
North Dakota	17,198	17,425	100.0	98.2	1.22	1.10	68	69
North Dakota.....	17,198	17,425	100.0	98.2	1.22	1.10	68	69
Ohio	42,887	41,248	66.5	66.8	2.05	2.07	151	148
Illinois.....	24	-	-	-	2.57	-	117	-
Indiana.....	59	52	-	-	2.91	2.48	109	98
Kentucky.....	8,157	7,702	46.8	55.2	.99	1.08	156	153
Ohio.....	21,136	20,345	70.3	70.7	2.81	2.82	153	153
Pennsylvania	2,744	2,578	59.5	53.9	1.72	1.72	140	134
Virginia.....	-	33	-	-	-	1.05	-	184
West Virginia.....	10,767	10,539	76.1	71.5	1.49	1.48	148	139
Oklahoma	11,994	12,133	89.3	91.4	.54	.50	139	142
Oklahoma.....	1,051	639	45.6	20.5	1.23	1.16	139	137
Wyoming.....	10,943	11,494	93.5	85.4	.45	.45	139	-
Oregon	627	-	100.0	-	.37	-	109	-
Wyoming.....	627	-	100.0	-	.37	-	109	-
Pennsylvania	38,413	35,527	77.8	74.7	1.78	1.68	151	149
Ohio.....	1,688	1,774	97.0	94.7	3.38	3.26	151	145
Pennsylvania.....	28,770	25,791	71.5	68.9	1.50	1.44	153	141
West Virginia.....	7,956	7,962	96.5	98.8	2.36	2.11	148	171
South Carolina	7,867	8,364	73.2	63.8	.94	.89	172	-
Kentucky.....	6,790	7,401	72.9	62.1	.93	.87	173	173
Tennessee.....	212	91	-	.1	1.17	1.15	164	153
Virginia.....	842	854	93.6	86.1	.98	1.00	162	157
West Virginia.....	23	18	77.9	23.5	.79	1.07	182	174

See footnotes at end of table.

Table 17. Destination of Coal Received at Electric Utility Plants by Origin, January-October 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
South Dakota	1,647	1,658	99.3	100.0	1.50	1.45	115	124
North Dakota	1,636	1,659	100.0	100.0	1.51	1.45	115	124
Wyoming	11	-	-	-	.41	-	114	-
Tennessee	17,801	15,284	79.3	82.1	1.67	1.67	136	134
Illinois	1,539	1,228	27.8	8.5	1.84	1.67	120	112
Indiana	704	-	-	-	1.75	-	123	-
Kentucky	13,310	11,322	87.9	91.9	1.73	1.77	140	140
Tennessee	1,220	1,627	78.0	68.5	1.13	1.11	121	116
Virginia	1,018	1,088	100.0	82.9	1.38	1.43	131	123
West Virginia	10	18	100.0	100.0	.57	2.09	158	139
Texas	70,311	70,527	97.1	90.8	1.01	.97	146	148
Colorado	1,523	1,219	89.0	100.0	.38	.35	206	223
Texas	41,107	39,945	99.8	93.3	1.56	1.56	108	104
Utah	-	218	-	59.9	-	.45	-	171
Wyoming	27,681	29,145	94.5	87.1	.44	.43	184	183
Utah	12,080	11,223	88.1	91.4	.44	.42	115	125
Colorado	1,270	1,121	100.0	100.0	.46	.40	222	240
Utah	10,810	10,102	86.8	90.5	.43	.43	103	112
Virginia	6,738	8,221	67.4	50.8	.75	.74	155	154
Kentucky	2,163	2,900	62.5	41.8	.81	.80	158	155
Virginia	2,838	2,955	69.9	70.2	.71	.71	152	156
West Virginia	1,738	2,368	69.4	37.5	.75	.68	155	149
Washington	4,304	4,650	91.7	86.2	.88	.82	158	155
Montana	-	55	-	-	-	.35	-	131
Washington	3,956	4,113	99.8	97.5	.92	.88	161	159
Wyoming	348	482	-	-	.35	.41	127	124
West Virginia	27,933	25,878	75.5	73.8	1.52	1.49	147	142
Kentucky	684	874	83.0	48.0	.82	.80	179	165
Maryland	932	759	58.9	44.0	1.37	1.41	123	115
Ohio	1,390	754	53.7	38.1	3.30	3.33	98	103
Pennsylvania	472	278	25.0	13.2	1.63	1.25	114	120
West Virginia	24,454	23,214	78.1	77.7	1.44	1.46	151	144
Wisconsin	14,903	14,929	75.2	87.1	.85	.89	137	145
Illinois	1,038	1,280	77.3	89.8	1.77	1.78	143	145
Indiana	1,625	1,845	99.0	98.8	1.76	1.71	191	181
Kentucky	170	352	20.4	34.8	.65	1.24	178	156
Montana	1,615	1,870	76.0	84.7	.69	.73	157	157
New Mexico	43	-	-	-	.39	-	174	-
Ohio	-	4	-	100.0	-	1.14	-	159
Pennsylvania	1,487	1,255	100.0	100.0	1.28	1.27	157	152
Virginia	53	45	-	-	.57	.56	175	164
West Virginia	133	78	-	40.1	1.24	1.42	164	167
Wyoming	8,739	8,201	69.2	86.4	.41	.40	111	128
Wyoming	18,884	17,557	84.3	91.0	.61	.60	83	85
Wyoming	18,884	17,557	84.3	91.0	.61	.60	83	85
U.S. Total	658,770	627,131	82.7	82.7	1.29	1.28	146	145

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 18. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1990

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	13,862	12,258	91.8	92.2	1.10	1.12	204	201
Alabama	13,647	12,076	93.1	93.6	1.10	1.11	205	202
Florida	-	13	-	-	-	2.55	-	114
Georgia	215	169	10.8	-	1.66	1.63	155	152
Arizona	9,304	10,059	100.0	100.0	.45	.45	108	104
Arizona	5,948	6,402	100.0	100.0	.44	.44	100	97
Nevada	3,356	3,657	100.0	100.0	.48	.47	122	118
Colorado	12,804	11,493	81.0	86.9	.39	.38	144	141
Arizona	841	506	100.0	100.0	.33	.34	175	172
Colorado	8,328	8,379	76.8	83.2	.39	.38	108	110
Illinois	11	-	-	-	.40	-	156	-
Indiana	457	126	100.0	82.2	.39	.38	301	305
Kansas	178	-	94.2	-	.33	-	118	-
Missouri	196	62	100.0	14.5	.40	.33	159	187
Nebraska	-	80	-	100.0	-	.45	-	182
Texas	1,523	1,219	69.0	100.0	.36	.35	206	223
Utah	1,270	1,121	100.0	100.0	.46	.40	222	240
Illinois	45,427	45,652	84.3	87.2	2.42	2.35	157	157
Alabama	416	761	-	3.3	2.03	1.99	112	110
Florida	3,531	3,439	98.5	99.9	2.42	2.38	208	198
Georgia	4,131	4,338	95.4	100.0	2.52	2.27	176	188
Illinois	13,032	12,140	90.0	95.3	2.72	2.69	146	151
Indiana	8,174	7,569	86.3	88.8	2.42	2.40	159	160
Iowa	1,122	1,588	91.3	65.4	2.49	2.54	169	146
Kansas	1,172	527	16.7	29.5	2.51	2.82	146	146
Kentucky	91	9	88.6	-	1.59	1.72	135	116
Minnesota	43	46	100.0	100.0	1.32	1.36	180	195
Mississippi	957	952	90.1	84.6	2.03	1.99	151	146
Missouri	10,158	11,773	85.0	89.9	2.21	2.15	152	151
Ohio	24	-	-	-	2.57	-	117	-
Tennessee	1,539	1,228	27.8	8.5	1.84	1.67	120	112
Wisconsin	1,038	1,280	77.3	89.8	1.77	1.76	143	145
Indiana	26,258	22,468	74.3	74.8	2.30	2.30	128	128
Alabama	459	281	-	-	2.05	2.91	117	105
Florida	373	476	-	18.1	2.86	2.99	108	129
Illinois	1,603	1,634	74.6	68.0	1.57	1.36	126	127
Indiana	17,968	15,509	80.6	81.5	2.41	2.47	125	122
Iowa	901	620	66.9	42.8	2.25	2.15	135	131
Kentucky	2,211	1,788	64.3	45.2	2.41	2.20	111	104
Michigan	148	137	59.3	63.8	2.47	2.29	159	156
Minnesota	68	68	12.7	-	1.80	1.84	156	138
Mississippi	23	-	-	-	4.17	-	126	-
Missouri	115	55	100.0	49.1	2.90	1.09	122	123
Ohio	59	52	-	-	2.91	2.48	109	98
Tennessee	704	-	-	-	1.75	-	123	-
Wisconsin	1,625	1,845	89.0	96.6	1.76	1.71	191	181
Iowa	54	38	100.0	100.0	3.38	3.62	163	152
Iowa	54	38	100.0	100.0	3.38	3.62	163	152
Kansas	568	638	5.3	52.5	2.58	3.62	123	130
Kansas	226	555	-	55.0	2.41	3.76	121	129
Missouri	342	83	8.8	35.4	2.69	2.80	124	134
Kentucky	108,733	100,631	73.7	70.5	1.49	1.47	155	154
Alabama	2,698	1,834	38.2	41.9	1.87	2.34	135	124
Connecticut	814	681	90.5	91.3	.41	.40	212	215
Delaware	117	24	14.2	75.0	.52	.61	194	177
Florida	12,972	12,517	77.9	69.2	1.30	1.28	179	172
Georgia	12,336	11,830	71.8	68.0	1.28	1.27	168	165
Illinois	1,820	1,300	44.1	67.0	.81	.63	156	163
Indiana	3,917	3,417	91.0	79.9	2.42	2.48	132	124
Iowa	25	75	-	-	2.75	2.35	132	127
Kentucky	24,101	21,249	75.7	65.7	2.45	2.58	118	114
Maryland	367	631	77.7	84.2	.58	.59	180	166
Massachusetts	49	23	-	-	.75	.89	180	138
Michigan	6,168	6,069	71.3	86.3	.74	.65	178	195
Minnesota	8	1	58.8	-	.91	.59	189	198
Mississippi	2,350	1,991	70.1	79.7	1.01	.85	171	178
Missouri	972	158	97.7	98.2	2.56	2.63	123	126
New Hampshire	17	-	-	-	.68	-	201	-
New Jersey	31	48	-	-	.62	.58	190	177

See footnotes at end of table.

**Table 18. Origin of Coal Received at Electric Utility Plants by Destination,
January-October 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
New York	524	477	94.1	100.0	0.39	0.39	210	200
North Carolina	8,175	7,755	80.8	81.4	.78	.74	183	180
Ohio	8,157	7,702	46.8	55.2	.99	1.08	156	153
South Carolina	6,790	7,401	72.9	62.1	.93	.87	173	173
Tennessee	13,310	11,322	87.9	91.9	1.73	1.77	140	140
Virginia	2,163	2,900	62.5	41.8	.81	.80	158	155
West Virginia	684	874	83.0	48.0	.82	.80	179	165
Wisconsin	170	352	20.4	34.0	.65	1.24	178	158
Louisiana	2,719	2,449	100.0	89.9	.79	.80	133	128
Louisiana	2,719	2,449	100.0	89.9	.79	.80	133	128
Maryland	2,467	1,929	50.0	50.2	1.28	1.31	154	146
Delaware	21	7	100.0	100.0	1.11	1.16	141	139
Maryland	1,451	1,163	45.7	53.9	1.24	1.25	171	165
Massachusetts	40	-	-	-	.75	-	185	-
New York	23	-	-	-	1.33	-	169	-
West Virginia	932	759	58.9	44.0	1.37	1.41	123	115
Missouri	2,028	2,534	97.5	98.9	3.98	4.22	166	132
Missouri	2,028	2,534	97.5	98.9	3.98	4.22	166	132
Montana	29,102	29,988	94.3	94.9	.58	.61	139	134
Georgia	-	54	-	-	-	.34	-	181
Illinois	2,333	2,363	100.0	89.5	.39	.38	290	283
Indiana	563	232	57.9	76.4	.39	.36	231	258
Michigan	9,315	9,648	97.1	95.3	.37	.38	150	155
Minnesota	7,665	7,440	89.9	91.9	.76	.79	134	128
Montana	7,610	8,324	100.0	100.0	.74	.79	65	56
Nebraska	-	0	-	-	-	.36	-	23
Washington	-	55	-	-	-	.35	-	131
Wisconsin	1,815	1,870	76.0	84.7	.69	.73	157	157
New Mexico	19,398	18,540	99.0	99.8	.74	.74	151	144
Arizona	8,259	5,905	98.7	100.0	.52	.50	187	182
Colorado	-	32	-	-	-	.42	-	130
Illinois	211	-	47.4	-	.46	-	166	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	12,884	12,603	100.0	100.0	.87	.87	131	124
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	18,833	19,084	100.0	98.3	1.26	1.13	72	74
Minnesota	1	-	100.0	-	.87	-	174	-
North Dakota	17,196	17,425	100.0	98.2	1.22	1.10	69	69
South Dakota	1,636	1,659	100.0	100.0	1.51	1.45	115	124
Ohio	25,267	25,326	71.1	73.7	2.85	2.79	149	156
Alabama	493	2,114	95.0	100.0	2.00	1.99	117	209
Georgia	46	-	-	-	2.28	-	142	-
Indiana	47	9	-	-	2.25	1.99	125	131
Kentucky	233	112	55.8	57.2	2.40	2.19	147	133
Michigan	157	185	83.4	66.8	2.77	2.52	192	183
Missouri	24	-	-	-	2.10	-	171	-
New Hampshire	-	16	-	-	-	2.39	-	183
New Jersey	14	-	-	-	1.66	-	203	-
New York	38	14	-	-	1.55	1.69	160	157
Ohio	21,136	20,345	70.3	70.7	2.81	2.82	153	153
Pennsylvania	1,688	1,774	97.0	94.7	3.36	3.28	151	149
West Virginia	1,390	754	53.7	38.1	3.30	3.33	96	103
Wisconsin	-	4	-	100.0	-	1.14	-	159
Oklahoma	1,088	910	47.4	33.3	1.31	1.78	139	140
Missouri	36	271	100.0	63.5	3.64	3.28	138	136
Oklahoma	1,051	639	45.6	20.5	1.23	1.16	139	142
Pennsylvania	43,051	39,541	68.7	66.0	1.47	1.42	154	148
Delaware	286	375	36.8	84.8	1.04	1.16	163	166
Kentucky	12	18	12.4	49.4	2.05	1.98	113	127
Maryland	2,121	2,034	91.7	95.9	1.48	1.50	179	170
Massachusetts	804	746	28.5	16.3	1.08	1.06	174	164
Michigan	1,852	1,401	70.6	75.3	1.10	1.00	159	173
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	127	184	100.0	15.6	1.08	1.01	179	174
New Jersey	28	31	-	-	.85	1.13	189	181
New York	4,548	4,851	47.7	44.3	1.45	1.35	156	149
Ohio	2,744	2,578	59.5	53.8	1.72	1.72	140	134
Pennsylvania	28,770	25,791	71.5	68.9	1.50	1.44	163	145

See footnotes at end of table.

Table 18. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Pennsylvania								
West Virginia	472	278	25.0	13.2	1.63	1.25	114	120
Wisconsin	1,487	1,255	100.0	100.0	1.28	1.27	157	152
Tennessee	4,033	3,892	57.0	59.6	1.14	1.07	148	141
Alabama	708	609	11.3	29.4	.65	.62	124	125
Florida	101	66	100.0	100.0	.85	.79	214	216
Georgia	1,179	885	52.5	80.0	1.10	.79	183	200
Illinois	95	-	100.0	-	.56	-	169	-
Kentucky	518	450	84.9	19.3	2.08	2.06	120	104
North Carolina	-	166	-	100.0	-	1.08	-	187
South Carolina	212	91	-	.1	1.17	1.15	164	153
Tennessee	1,220	1,627	79.0	68.5	1.13	1.11	121	116
Texas	41,107	39,945	99.8	93.3	1.56	1.56	108	104
Texas	41,107	39,945	99.8	93.3	1.56	1.56	108	104
Utah	13,126	12,330	89.0	91.1	.44	.43	117	126
Missouri	-	48	-	-	-	.40	-	183
Nevada	2,316	1,962	99.6	100.0	.47	.46	180	190
Texas	-	218	-	59.9	-	.45	-	171
Utah	10,810	10,102	86.8	90.5	.43	.43	103	112
Virginia	14,593	15,185	85.2	82.6	.80	.89	169	160
Delaware	227	42	51.7	100.0	.71	.65	195	200
Florida	817	709	89.0	97.6	.58	.58	236	232
Georgia	2,836	2,802	74.8	69.5	1.06	1.10	174	170
Illinois	-	6	-	-	-	.59	-	185
Indiana	55	-	-	-	.58	-	164	-
Kentucky	60	-	100.0	-	.58	-	158	-
Maryland	14	-	-	-	.49	-	184	-
Massachusetts	1,154	1,502	92.1	100.0	.95	.91	175	162
Michigan	113	499	100.0	100.0	1.09	.92	186	176
New Hampshire	-	18	-	-	-	.87	-	217
New Jersey	853	986	98.3	78.4	.58	.61	177	173
North Carolina	3,713	3,644	97.0	92.5	.84	.80	168	171
Ohio	-	33	-	-	-	1.05	-	184
South Carolina	842	854	93.6	88.1	.98	1.00	182	157
Tennessee	1,018	1,089	100.0	82.9	1.38	1.43	131	123
Virginia	2,838	2,955	69.9	70.2	.71	.71	152	156
Wisconsin	53	45	-	-	.57	.56	175	164
Washington	3,956	4,113	99.8	97.5	.92	.88	161	159
Washington	3,956	4,113	99.8	97.5	.92	.88	161	159
West Virginia	73,911	69,584	79.0	75.6	1.31	1.28	158	152
Alabama	4	36	-	100.0	.51	.60	151	124
Connecticut	-	26	-	-	-	.49	-	185
Delaware	1,146	1,086	96.1	95.1	.68	.68	184	183
Florida	1,773	1,640	87.7	88.9	.89	.95	184	182
Georgia	1,216	1,122	100.0	100.0	.56	.53	247	242
Illinois	193	234	21.5	57.3	.52	.52	157	168
Indiana	332	241	61.3	48.1	.55	.78	201	183
Kentucky	2,527	2,019	40.9	44.6	.62	.66	129	116
Louisiana	178	138	100.0	100.0	.51	.49	205	202
Maryland	4,477	3,172	67.1	56.3	.98	.98	156	149
Massachusetts	1,267	1,346	85.0	86.2	.96	.92	168	154
Michigan	5,162	5,199	75.5	74.9	.87	.58	170	180
Minnesota	2	-	100.0	-	.95	-	169	-
Mississippi	-	27	-	-	-	1.30	-	143
New Hampshire	749	851	80.0	3.0	1.68	1.68	175	169
New Jersey	1,501	1,697	86.8	78.4	1.02	1.04	181	176
New York	3,652	2,852	88.2	83.1	1.56	1.45	160	163
North Carolina	4,652	3,902	80.3	82.6	.65	.62	177	174
Ohio	10,767	10,539	76.1	71.5	1.49	1.48	148	139
Pennsylvania	7,956	7,982	96.5	88.8	2.36	2.11	146	141
South Carolina	23	18	77.9	23.5	.79	1.07	182	174
Tennessee	10	18	100.0	100.0	.57	2.09	158	139
Virginia	1,738	2,366	69.4	37.5	.75	.68	155	149
West Virginia	24,454	23,214	78.1	77.7	1.44	1.46	151	144
Wisconsin	133	78	-	40.1	1.24	1.42	164	167
Wyoming	148,013	137,588	85.2	88.7	.44	.44	133	138
Alabama	216	-	-	-	.44	-	170	-
Arkansas	8,801	9,704	100.0	100.0	.39	.39	163	163
Colorado	4,517	4,706	100.0	95.6	.39	.37	105	100

See footnotes at end of table.

Table 18. Origin of Coal Received at Electric Utility Plants by Destination, January-October 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Wyoming								
Georgia	1,476	71	4.0	-	.37	.40	139	157
Illinois	2,810	3,059	92.5	99.0	.43	.48	289	282
Indiana	10,033	5,664	83.1	70.0	.39	.45	128	144
Iowa	11,079	9,841	66.8	81.0	.43	.42	105	118
Kansas	11,563	11,308	92.8	92.3	.41	.41	122	122
Kentucky	213	22	65.2	-	.40	.37	123	124
Louisiana	6,535	7,275	100.0	100.0	.54	.53	181	170
Michigan	1,979	1,019	32.7	-	.34	.35	111	118
Minnesota	5,908	5,817	99.3	99.7	.31	.31	119	114
Missouri	6,269	5,908	65.3	77.1	.43	.44	97	96
Nebraska	6,815	5,991	75.8	85.0	.42	.42	76	83
Nevada	508	325	100.0	100.0	.45	.51	203	197
Oklahoma	10,943	11,484	93.5	95.4	.45	.45	139	137
Oregon	627	-	100.0	-	.37	-	109	-
South Dakota	11	-	-	-	.41	-	114	-
Texas	27,681	29,145	94.5	87.1	.44	.43	184	183
Washington	348	482	-	-	.35	.41	127	124
Wisconsin	8,739	8,201	69.2	86.4	.41	.40	111	128
Wyoming	18,884	17,557	84.3	91.0	.61	.60	83	85
Imported Coal								
Canada	1,071	959	64.8	62.4	.61	.55	174	179
New Hampshire	34	-	-	-	.97	-	181	-
Colombia	34	-	-	-	.97	-	181	-
Florida	847	916	72.4	65.3	.62	.58	172	180
Georgia	782	599	78.3	100.0	.62	.61	172	174
Maryland	-	23	-	-	-	.54	-	173
Massachusetts	-	247	-	-	-	.47	-	195
New Jersey	64	35	-	-	.61	.48	179	196
Venezuela	-	12	-	-	-	.43	-	176
Florida	191	43	42.5	-	.47	.36	183	147
Massachusetts	40	37	-	-	.63	.36	171	141
New Hampshire	70	-	-	-	.48	-	181	-
New Jersey	81	-	100.0	-	.39	-	189	-
U.S. Total	658,770	627,131	82.7	82.7	1.29	1.28	146	145

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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